

Sun Sep 3 15:46:06 2000

us-09-171-553-3.rml

Page 1

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2000, 01:15:48 ; Search time 261.02 Seconds
(without alignments)
4326.089 Million cell updates/sec

Title: US-09-171-553-3

Perfect score: 8209

Sequence: 1 gtagtgtagcactgtggcc.....aaaaaaaaaaaaaaaaaaaa 8209

Scoring table: GAPOP 10.0, GAPEXT 1.0

Searched: 243080 segs, 68777915 residues

Total number of hits satisfying chosen parameters: 486160

Minimum DB seq length: 0
Maximum DB seq length: 1000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed.
and is derived by analysis of the total score distribution.

SUMMARIES

Rank	Score	Query Match	Length	ID	Description
1	2244.4	27.3	8535	US-08-716-351A-1	Sequence 1, Appl1
2	1747	21.3	8333	US-08-110-300A-8	Sequence 8, Appl1
3	1747	21.3	8333	US-08-886-642-8	Sequence 8, Appl1
4	1747	21.3	8333	PCT-US93-08041-8	Sequence 8, Appl1
5	1738.8	21.2	8202	US-08-258-420-13	Sequence 13, Appl1
6	1687.4	20.6	8332	US-08-850-961-1	Sequence 1, Appl1
7	1596	19.4	10367	US-08-110-300A-9	Sequence 9, Appl1
8	1596	19.4	10367	US-08-886-642-9	Sequence 9, Appl1
9	1596	19.4	10367	PCT-US93-08041-9	Sequence 9, Appl1
10	852.6	10.4	3674	US-08-105-483-324	Sequence 324, App
11	852.6	10.4	3674	US-08-709-209-324	Sequence 324, App
12	852.6	10.4	3674	US-08-458-101-324	Sequence 324, App
13	815.4	9.9	6363	US-08-929-967-6	Sequence 6, Appl1
14	359.4	4.4	10970	US-08-716-351A-5	Sequence 5, Appl1
15	303.8	3.7	1965	US-08-258-420-9	Sequence 9, Appl1
16	301.4	3.7	2499	US-08-105-483-310	Sequence 310, App
17	301.4	3.7	2499	US-08-709-209-310	Sequence 310, App
18	301.4	3.7	2499	US-08-458-101-310	Sequence 310, App
19	300.6	3.7	2001	US-08-850-961-13	Sequence 13, Appl1
20	298.8	3.6	949	PCT-US91-08254-1	Sequence 1, Appl1
21	298.8	3.6	949	PCT-US91-08254-2	Sequence 2, Appl1
22	298.2	3.6	1911	US-08-258-420-8	Sequence 8, Appl1
23	290.2	3.5	1914	US-08-258-420-7	Sequence 7, Appl1
24	274.8	3.3	789	US-08-181-335B-3	Sequence 3, Appl1
25	274.8	3.3	789	US-08-181-335B-5	Sequence 5, Appl1
26	274.8	3.3	789	US-08-181-335B-6	Sequence 6, Appl1

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28	274.8	3.3	789	6	PCT-US95-00129-5	Sequence 5, Appl1
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33	192	2.3	5109	1	US-08-073-836-1	Sequence 1, Appl1
34	192	2.3	5176	1	US-08-073-836-2	Sequence 2, Appl1
35	176.4	2.1	2391	5	US-08-691-563C-57	Sequence 57, Appl1
36	165.6	2.0	2448	5	US-08-691-563C-53	Sequence 53, Appl1
37	162.6	2.0	8387	3	US-08-532-814-1	Sequence 1, Appl1
38	157.2	1.9	10306	5	US-08-716-351A-4	Sequence 4, Appl1
39	149.6	1.8	1167	5	US-08-691-563C-61	Sequence 61, Appl1
40	149.6	1.8	1158	2	US-08-471-724-1	Sequence 1, Appl1
41	149.6	1.8	1158	3	US-08-471-969-1	Sequence 1, Appl1
42	149.6	1.8	1158	3	US-08-384-137-1	Sequence 1, Appl1
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44	149.6	1.8	1158	5	US-08-691-563C-1	Sequence 1, Appl1
45	144.4	1.8	9661	5	US-08-716-351A-3	Sequence 3, Appl1

ALIGNMENTS

RESULT 1
US-08-716-351A-1
Sequence 1, Application US/08716351A
Patent No. 6033905
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Glibon Ape Leukemia Virus-Based
TITLE OF INVENTION: Retroviral Vectors
NUMBER OF SEQUENCES: 5
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/716,351A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/03784
FILING DATE: 06-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 15280-128-1PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 8535 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..8535
OTHER INFORMATION: /standard_name= "Calv SEATO Genome"

Query Match 27.3%; Score 2244.4; DB 5; Length 8535;
Best Local Similarity 59.1%; Pred. No. 0;
Matches 4366; Conservative 0; Mismatches 2811; Indels 215; Gaps 22;

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RESULT 2
 US-08-110-300A-8
 Sequence 8, Application US/08110300A
 Patent No. 5643756
 GENERAL INFORMATION:
 APPLICANT: Pinter, Abraham
 APPLICANT: Kayman, Samuel
 TITLE OF INVENTION: FUSION GLYCOPROTEINS
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Davis Hoxie Faithfull and Harwood
 STREET: 45 Rockefeller Pl.
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10111

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/110,300A
 FILING DATE: 20-AUG-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Jacobs, Seth H.
 REGISTRATION NUMBER: 32,140
 REFERENCE/DOCKET NUMBER: 11698A50
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-757-2200
 TELEFAX: 212-586-1461
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8323 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 US-08-110-300A-8

Query Match 21.3%; Score 1747; DB 1; Length 8323;
 Best Local Similarity 55.6%; Pred. No. 0;
 Matches 4058; Conservative 0; Mismatches 3005; Indels 238; Gaps 27;
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yy zz

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